

## CLAIMS

1. A hairdryer, including a ionizing device, comprising a box body for holding a suction part, fan means, motor means, heater means, an air flow outlet part, electric switching means and an ion emitting device, constituted by a high voltage, from AC to DC, generator device, electrically coupled to an electrode, characterized in that said high voltage generator device is arranged at an intermediate region between said suction part and said air flow outlet part.

2. A hairdryer, according to Claim 1, characterized in that said box body comprises a front shell, including an air outlet and a half-handle and a rear shell, including an air inlet and a further half-handle, said further half-handle cooperating with said front half handle to provide, upon joining said shells, a handle proper of the hairdryer.

3. A hairdryer, according to Claim 1, characterized in that said box body comprises a top portion holding therein a suction part, a fan, an electric motor, a metal wire resistance, assembled about a supporting micanite element, and an air flow outlet.

4. A hairdryer, according to Claim 1, characterized in that said box body comprises a bottom portion including switching means mounted on a printed board circuit.

5. A hairdryer, according to Claim 1, characterized in that said ion generator device is arranged between said fan and resistance.

6. A hairdryer, according to Claim 5, characterized in that said ion generator device has a cylindric configuration and is supported by a resistance bearing support element.

5           7. A hairdryer, according to Claim 6, characterized in that said support element, made of a plastic material, provides an intermediate element between said motor and resistance and is adapted to support the heater element and said ion generator  
10 device.

8. A hairdryer, according to Claim 6, characterized in that said support element comprises a bottom portion, holding, on a side, said resistance through a cross cut or a simple cut and, on the other  
15 side, said electric motor.

9. A hairdryer, according to Claim 6, characterized in that said support element comprises a top portion including a cylindric recess made resilient by a top cut for engaging therein said  
20 ionizing device.

10. A hairdryer, according to Claim 1, characterized in that said device comprises an electrode arranged on the heater element.

11. A hairdryer, according to Claim 1,  
25 characterized in that said ion generator device provides a continuous ion source operating continuously as the hairdryer operates, or as hot air or cold air is emitted therefrom.

12. A hairdryer, according to Claim 1,  
30 characterized in that said hairdryer comprises moreover switch means for switching off the ion flow.

13. A hairdryer, according to Claim 1,

characterized in that said ion generator device is a high voltage generator arranged in a single casing.